

DOCKET #: SVL9-2003-0052US1

ITW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

R.C. Van Der Linden

Assignee:International Business Machines CorporationApplication No.:

10/648,499

Customer No.:Confirmation No.:

4213

Group Art Unit:

2171

Filing Date:

08/25/03

Examiner:

Unknown

Title

Method and system for utilizing a cache for path-level access control to structured documents stored in a database

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: November 16, 2004Person mailing paper/fee: Debi FennemSignature: Debi Fennem

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-145

REVOCATION AND POWER OF ATTORNEY

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application and appoint practitioners at

Customer Number : 49049

as our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected herewith.

Please change the correspondence address for the above-identified application to the above-mentioned Customer Number.

SIGNATURE of Assignee of Record of entire interest (*Statement under 37 CFR 3.73(b) is enclosed*)

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------|
| Name | Ingrid M. Foerster | Registration Number: 36,511 |
| Signature | | |
| Date | 11-16-04 | |
| NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*. | | |
| Total of <u>3</u> forms are submitted | | |



CHANGE OF CORRESPONDENCE ADDRESS *Application*

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

| | |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Application Number | 10/648,499 |
| Confirmation No. | 4213 |
| Filing Date | 08/25/03 |
| First Named Inventor | Robbert C. Van Der Linden |
| Art Unit | 2171 |
| Title: Method and system for utilizing a cache for path-level access control to structured documents stored in a database | |

Please change the Correspondence Address for the above-identified application to:

☒ Customer Number

49049



Type Customer Number here

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| <input type="checkbox"/> Firm or Individual Name | | | | | |
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I am the:

- ☐ Applicant/Inventor.
- ☐ Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or Agent of record.
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Typed or Printed
Name: Ingrid M. Foerster, Reg. No.: 36,511

Signature

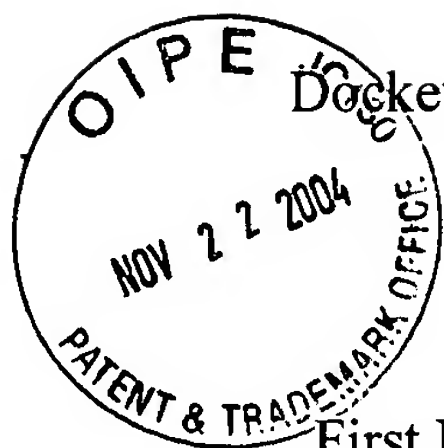
I. Foerster

Date

11/11/04

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.



Docket No.: SVL9-2003-0052US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: R.C. Van Der Linden, Assignee: **International Business Machines Corporation**
Application No.: 10/648,499 Customer No.:
Confirmation No.: 4213 Group Art Unit: 2171
Filing Date: 08/25/03 Examiner: Unknown
Title **Method and system for utilizing a cache for path-level access control to structured documents stored in a database**

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized and existing under the laws of the State of New York, having a place of business at New Orchard Road, Armonk, New York 10504, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of:

An assignment from the inventors, Robbert C. Van Der Linden, to International Business Machines Corporation, of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark office on August 25, 2003, at Reel/Frame 014443/0362 (**copy attached**).

INTERNATIONAL BUSINESS MACHINES CORPORATION owns 100% interest in the above-identified patent application.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 11/11/04

By: *I. Foerster*

Ingrid M. Foerster, Reg. No. 36,511
Senior Attorney, Intellectual Property Law
International Business Machines Corporation
555 Bailey Ave., J46/G4
San Jose, CA 95141-1003



MAR 30 2004



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 24, 2004

PTAS



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SAWYER LAW GROUP LLP
JOSEPH A. SAWYER, JR.
P.O. BOX 51418
PALO ALTO, CA 94303

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/25/2003

REEL/FRAME: 014443/0362
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VAN DER LINDEN, ROBERT C.

DOC DATE: 08/15/2003

ASSIGNEE:

IBM CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

SERIAL NUMBER: 10648499
PATENT NUMBER:

FILING DATE: 08/25/2003
ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

8.25.03
RECORDATION FORM COVER SHEET
PATENTS ONLY

Ally Docket: SVL920030052US1/2863P

US Department of Commerce
Patent & Trademark Office

To the Assistant Commissioner of Patents.

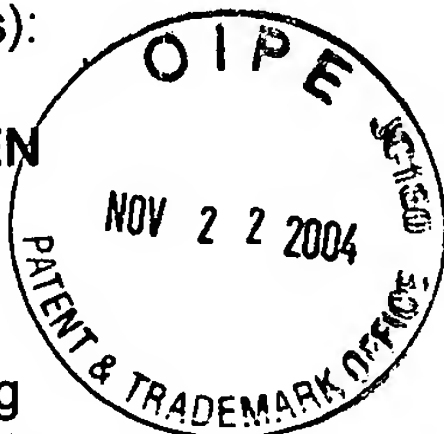
09-04-2003
102540913

al documents or copy thereof.

1. Name of conveying party(ies):

Robbert C. VAN der LINDEN

Additional name(s) of conveying
party(ies) attached ☐ Yes ☒ No



2. Name and address of receiving party(ies):

Name: IBM Corporation
Street Address: New Orchard Road
City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached?
☐ Yes ☒ No

3. Nature of conveyance:

Execution Date(s): August 15, 2003

☒ Assignment

4. Application number(s) or patent number(s):

If this document is being filed together with a new patent application, the execution date of the patent application is: August 15, 2003

A. Patent Application No.(s)

10/648499

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: Joseph A. Sawyer, Jr.
Internal
Address: Sawyer Law Group LLP
Street
Address: P.O. Box 51418
Palo Alto, California 94303

6. Total Number of applications and patents
involved: One

7. Total fee (37 CFR 3.41) \$ 40.00
☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit Account Number: 09-0460 (IBM Corporation)
(Attach copy of this page)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

August 25, 2003

Date

09/03/2003 ELOOPER 00000280 090460 10648499

01 FC:8021 40.00 DA

Michele Liu, Reg. No. 44,875

Total number of pages including cover sheet, attachments, and documents: 2

ASSIGNMENT

Whereas, I/we,

(1) **Robbert C. VAN der LINDEN**

City of Scotts Valley
State of California,

has invented certain improvements in

TITLE: **METHOD AND SYSTEM FOR UTILIZING A CACHE FOR PATH-LEVEL ACCESS
CONTROL TO STRUCTURED DOCUMENTS STORED IN A DATABASE**

and executed a United States Patent Application therefor on the following date(s):

(1) 8-15, 2003

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

LOCATION

DATE

SIGNATURE

(1) San Jose

8-15-03



Robbert C. VAN der LINDEN